



Richard Jamieson

Software Engineer

Contact

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E-mail

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Skills

Solidity



Excellent

Javascript & NodeJS



Excellent

Python



Very Good

Ethers.js, Web3.js, Web3.py



Excellent

Tenderly, Hardhat, Truffle



Excellent

Git, Github



Very Good

Passionate and committed Smart Contract Developer with over 3 years experience in software development for traditional finance and DeFi, and prior experience in finance, entrepreneurship, and leadership consulting / coaching. Excellent reputation for collaborating in team environments to ship code that meets business requirements, is secure and gas efficient.

Relevant Work History

2021-12 -

Current

Solidity Developer

Opty.Fi, Remote

- Opty.Fi is a DeFi yield aggregation protocol on Ethereum and Polygon
- Worked as part of optimization engine team
- Employed machine learning techniques to optimize yield performance
- Built smart contract simulation and gas estimation engines in web3.py
- **Tech stack:** Solidity, TS, JS (inc ethers.js), Python (inc web3.py), Hardhat, Tenderly.

2021-07 -

2022-07

Lead Solidity Developer

Crystl Finance, Remote

- Crystl Finance is a multi-chain vaulting protocol.
- Headed up the Solidity team
- Conceptualised and developed a V3 version of a set of vaulting smart contracts, which included several innovative features like boosted vaults and stacked vaults.
- Took V3 contracts through audit process with HashEx and into production on multiple EVM chains
- **Tech stack:** Solidity (inc some work in Assembly), TS, JS (inc ethers.js), Hardhat, Truffle.

2017-04 -

2021-04

Head of Coaching

Lockstep Consulting, Cape Town

- Headed up the Lockstep coaching practice
- Focussed mainly on developing coaching programmes and coaching leaders in small and medium sized companies, with a particular focus on tech start-ups and private equity.

2016-01 -
2017-04

Co-founder & Lead Developer

Dalebrook Capital, Cape Town

- Dalebrook is a systematic quantitative investment fund, making use of multiple sources of data to drive investment decisions
- Built a back-testing engine and portfolio construction tool in Python (code can be viewed on Github), testing a universe of 500 stocks to generate a portfolio of 10.

2015-04 -
2016-12

Managing Partner

Mindful Revolution, Cape Town

- Played a key role in setting up Mindful Revolution as a business
- Designed course content
- Trained the corps of facilitators who ran the programme, both in Cape Town and Johannesburg.
- Ran mindfulness programmes myself
- Played a business development role alongside my partner

2011-12 -
2015-06

Senior Associate

Connemara Consulting, Cape Town

- Prospected for new business
- Designed and facilitated management programmes for mid-sized and large companies
- Delievered one-on-one coaching, often as part of larger programmes
- Worked across Africa and Europe for General Electric as a facilitator and trainer

2010-06 -
2012-05

Managing Director

Yes Solar, Cape Town

- Along with two partners, started up a solar installation company, focusing mainly on installations in the Western Cape.
- Grew the business to the point of having seven franchisees operating in different parts of the country.

2006-08 -
2010-05

Director, Leadership Academy

Democratic Alliance, Cape Town

- Set up a Leadership Academy at the party in 2006 with the strategic focus of attracting high caliber leaders to the party and creating development opportunities for existing leaders.
- Started the DA Young Leaders Programme as a talent attraction vehicle, which afforded me the opportunity to work with and coach a diverse range of potential future leaders.

2004-10 -
2005-11

Analyst

Citigroup Global Corporate Investment Bank, London

- Worked in a front office role on the European Leveraged Finance team which arranged high yield debt financing primarily for leveraged buy-outs and recapitalizations of European companies.
- Received intensive training in financial modelling and presentation building.

2004-02 -
2004-10

Research Assistant

Sanford C. Bernstein, London

Reporting to a Senior Equity Analyst, I was responsible for carrying out research into the semiconductor sector, producing research updates and modeling company financials.

Education

2000-01 -
2003-11

Bachelor of Science: Electrical Engineering

University of Cape Town - Cape Town, South Africa
Awarded Honours Degree Cum Laude
Dean's List 2001, 2002, 2003

1997-02 -
1999-11

Bachelor of Arts: Philosophy And Mathematics

University of Cape Town - Cape Town, South Africa